

The graph shows the relationship between the rotating angle of the scroll casing (θ) and the ambient temperature (T_{ao}). The y-axis is labeled "ROTATING ANGLE OF SCROLL CASING (θ)" and has two reference points: "(Max Cool \rightarrow) 0" and "(Max Hot \rightarrow) θ ". The x-axis is labeled " T_{ao} " and has two reference points: 0 and 50. The function is defined as follows:

- For $T_{ao} \leq 0$, $\theta = 0$.
- For $0 < T_{ao} < 50$, θ increases linearly from 0 to θ .
- For $T_{ao} \geq 50$, $\theta = \theta$.

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Fig.3

Max Cool

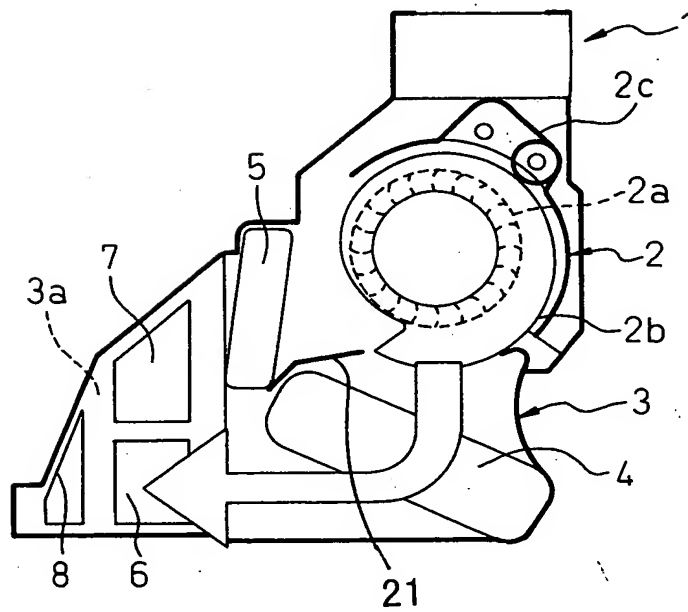
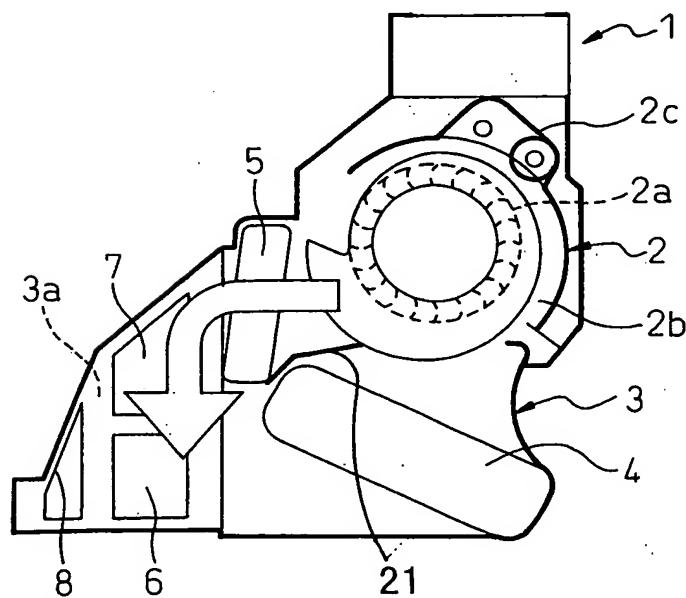


Fig.4

Max Hot



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Fig.5

AIR MIXED CONDITION

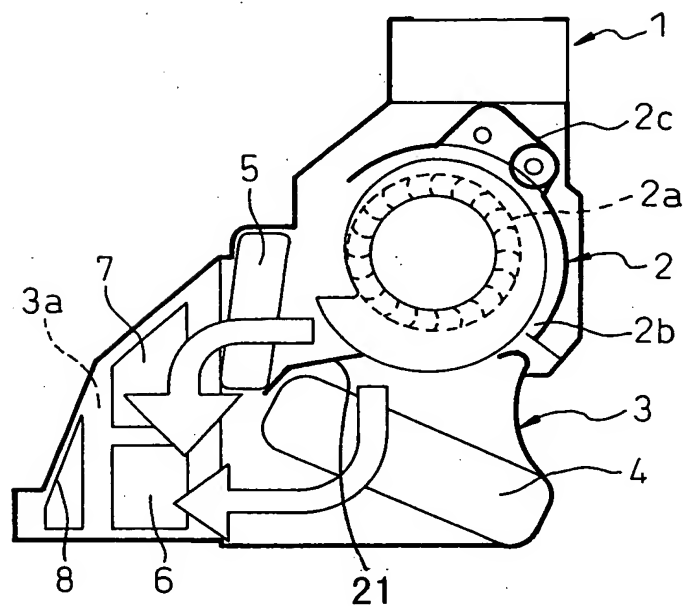
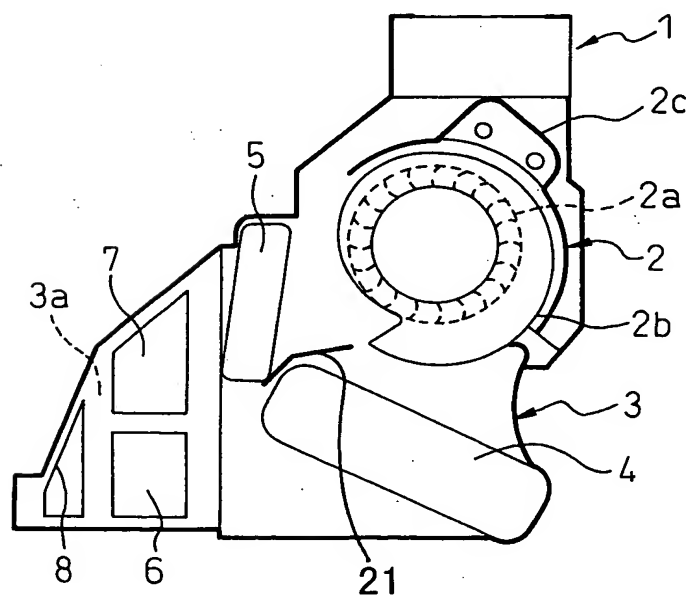


Fig.6



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Fig. 7

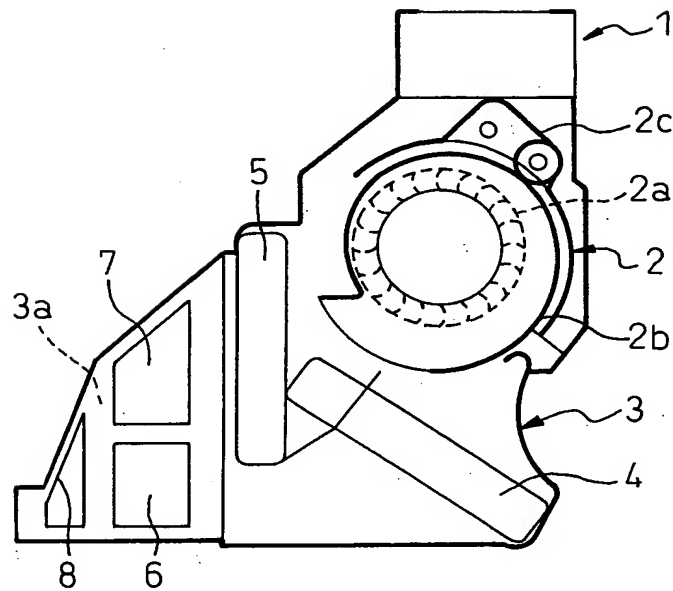
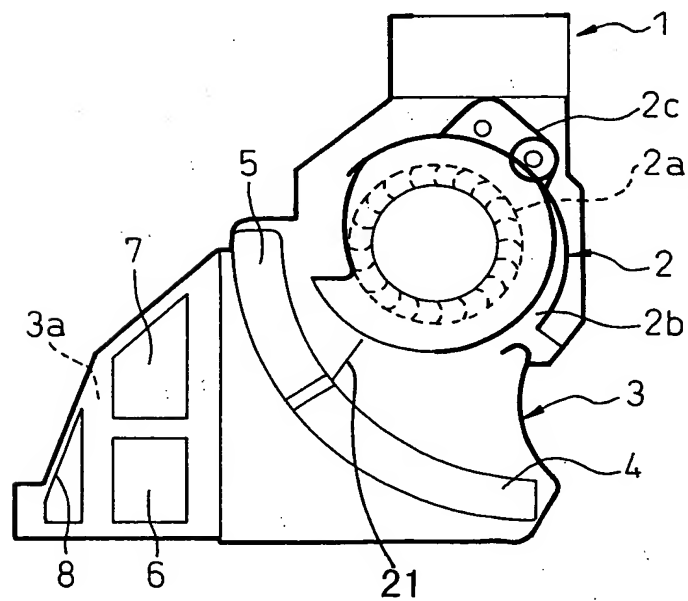


Fig. 8



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Fig. 9

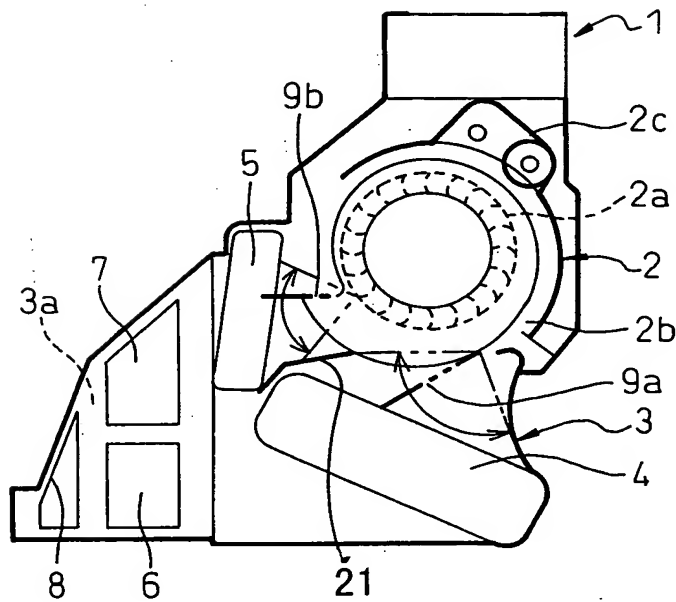
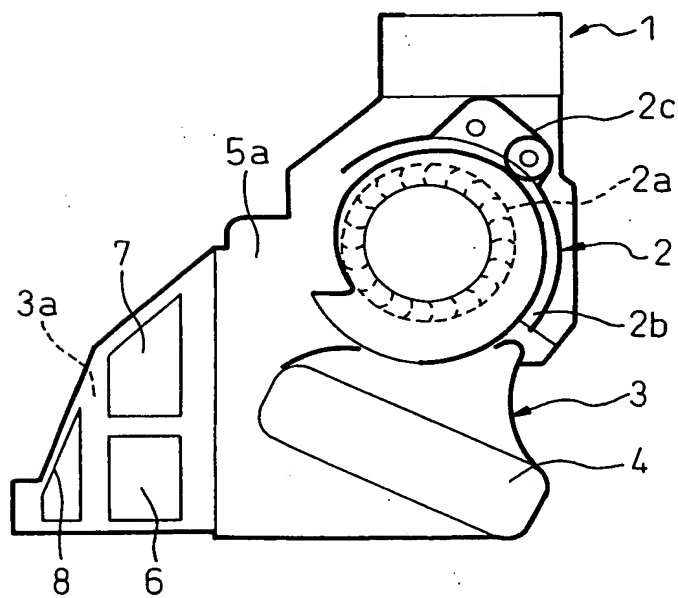


Fig. 10



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Fig.11

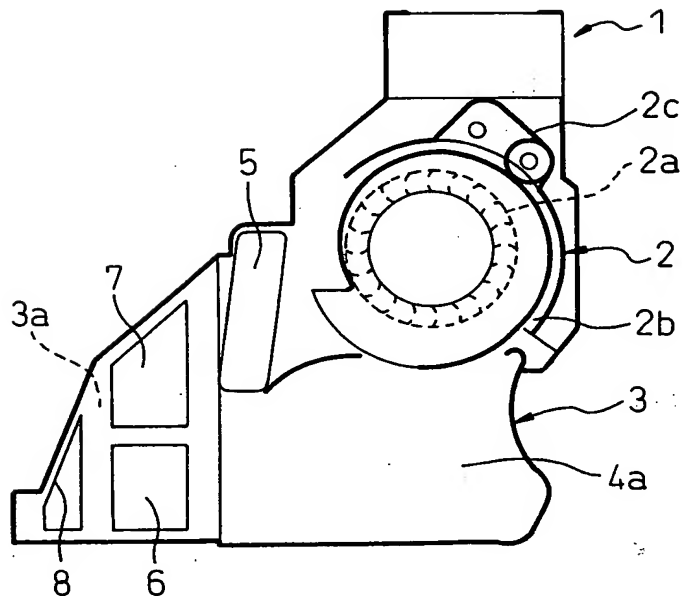


Fig.12

